The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

Issue 381 - Apr. 3, 1987

DXpedition News Miss Bharathi VU2RBI

Miss Baharathi VU2RBI apparently is not satisfied with staging a major (if controversial) DXpedition to the very rare Andaman Islands this spring. According to the IARU Region II News, Miss Bharathi has offered to assist with the reintroduction of amateur radio into Bhutan A5, by setting up demonstrations and providing training courses. Pradhan A51PN and other A5s have been QRT since 1982 because the Ministry of Communications and Tourism failed to renew their licenses. However, Mr K. Letho, a Deputy Minister of Communications and Tourism, said last year that the Bhutan Government not only approved of amateur radio but had decided that there should be more ham operators in the country. further stated that the Bhutan Government was actively engaged in rewriting the appropriate license regulations. (Under previous legislation, prospective amateurs were expected to pass a 28 wpm code test and carry out fault finding exercises on modern transceivers.) Thanks DXNS.



Miss Bharathi VU2RBI operates on 14200 as VU4APR/RBI, VU2BMS/DL2GAC photo.

George, K8GG notes that Miss Bharathi never says "73" nor "88." "Indian censors strike out kissing scenes from foreign films and videos. Even through the 'decore' on many old temples is quite explicit and graphic, the modern Indian administration leans toward the opposite extreme. So maybe an "88" on the QSL is off limits, like sending some photo QSLs to Box 88?"

Note that Green Stamps (US\$1 bills) are frowned on in India. Its safer (if more expensive) to use IRCs.

ISLE OF MAN - GD Expected to be on the air April 11 - 23. Operators reported to be DL1SCQ, DH8SAT, DL3SBI, DH3SAF, and, DG2SA. Will be on all bands SSB/CW. QSL via DH1SAB, Box 1941, D-7440, NURTINGEN.

MOROCCO - CN CN5SE will be the special event call for the "Month of the Horse" on from March 22 till April 5.

ALAND IS. A team of Berlin DXers will be active from the island on April 17 - 25. The operators will be DL7AB, IC, AIB, AK€, ALM, ANR, ANW, and DD6JF. They will be active on all bands. CW/SSB/RTTY. QSL via DL7AKC.

Shortley Noted

- YBØDPO reports that all YB operations have been suspended from March 17 to May 1, 1987. ???
- G3WI now signing V85NT for at least 3 weeks. QSL G3ZAX.
- 5X5GK active on 14168 1815Z and 14290 1930Z. QSL via DJ5RT.
- TZ6MG active on 14156 at 2220Z. His next assignment in 1988 could be D2A or C9.

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PROPAGATION

Foresast	and	Historical	Data
rorecast	DILLE	UT2 COLTGT	Dava

	FO	recast a	id Histor	, 1 CaT	Data			
Day	Forecast	27 Day	s Before	2	55 1	Days	Before	
Apr:	il	Date F	Lux A	K	Date	Flux	c A	K
3	Below Nor	3/7 7	7 25/30	2	2/9	71	12/11	3
4	Low Nor	3/8 78	3 18/15	3	2/10	71	10/08	2
5	High Nor	3/9 75	5 Ø8/12	2	2/11	70	10/08	Ø
6	Low Nor	3/10 72	2 12/16	4	2/12	70	14/20	3
7	High Nor	3/11 7	1 12/08	3	2/13	70	05/07	Ø
8	Low Nor	3/12 79	0 10/15	2	2/14	70	05/07	2
9	Low Nor	3/13 7	08/14	2	2/15	71	07/08	1
1Ø	High Nor	3/14 7	2 Ø8/12	1	2/16	70	10/15	4
11	High Nor	3/15 7	1 10/11	2	2/17	70	08/09	3
12	Low Nor	3/16 7	2 10/15	2	2/18	71	08/09	1
13	High Nor	3/17 7:	2 Ø8/1Ø	2	2/19	71	05/06	1
Tha	nks N4XX	and KH	BZF.					

Propagation Watch

Solar activity will remain very low over the next few weeks, with only a small chance of any sunspots to give the higher bands a boost. Absorption has also been running higher than during the winter months, and the shortening darkness in the Northern hemisphere is further hampering low band activities. Still, 20 and 40 meters provide plenty of DXcitement.

And speaking of that, whatever happened to 30 meters this winter? Often 20 and 40 are open to the same part of the world at the same time. Undoubtably 30 is also open, but The DX Bulletin hasn't received any reports. Sure, contacts don't count for DXCC, but the band is open, and there is DX available. It might be worth a CQ DX just above 10100 kHz sometime. And send TDXB your reports!

EQUIPMENT NOTES

Receive VFO Leakage in the Ten-Tec Omni
Several The DX Bulletin readers responded to
our request in Issue 378 for more information on rigs
tranmsitting a weak signal on the receive frequency
when working split. Ralph Hirsch K1RH [QSL manager for
VP2ML] sent a copy of his letter to Ten-Tec:

"During the recent chase for Peter I Island (3Y1EE), I was working split CW using the Omni-B for receiving and the remote VFO for transmitting. He was 14022 and I was 14060.

"I received two reports from nearby hams that they could hear me on 14022 about S2 even though they knew I was transmiting on 14060. I put it down as a purely local freak condition until I received a letter from W4BAA in Florida saying he noticed a similar condition on my signal.

"Apparently both the remote VFO and the local VFO are keying at the same time, letting the local signal "ride" out on the true transmitted signal from the remote VFO."

Although Ten-Tec has not yet responded to Ralph's letter, Dick Frey K4XU [formerly with Ten-Tec, and now in charge of amateur products at Ehrhorn] sent the following letter:

"Chod: You asked about a rig problem: leakage of Rx frequency at -60 to -90 dB during split XMIT operation. All Ten-Tec OMNI series do it just as described. The problem can be fixed quite easily. I will assist anyone needing help if an SASE is provided.

"By the way, since there is only one VFO in the TS-930, they do not exhibit this problem."

Contact Dick at 3115 South Street, Cañon City CO

Thanks, Dick, for identifying the problem, and for providing a fix!

BANDPASS

Reports Wanted, Especially RTTY, 30 meters

Especially	KIII	. 30 n	nete	TS	UEZDAN	14003	1505	21	On
		,			OE 2WJL	14082	1315	21	OH
RTTY			_	_	OH 1AF	14094	1315	21	OH
A22BW	7082	0455	21	OH	OK3KGI	14094	1505	21	OH
CE 3GN	21084	2215	15	OH	PA3DBS	14086	1350	21	OH
CT 3BY	14097	1920	21	OH	PT2BW	21087	1425	22	OH
GOATX	14083	1915	21	OH	SMOKCR	14088	1500	21	OH
GJ4YAD	14081	1355	21	OH	UZ6AWF	14089	1455	21	OH
HB9AQA	14081	1430	20	OH	VP 2ED X	21085	1425	22	OH
нв 9нк	14079	1425	21	OH	VP 2EDX	14082	1420	21	OH
HD5G	14084	1220	21	ОН	YOZIS	14090	1515	21	OH

J73EH

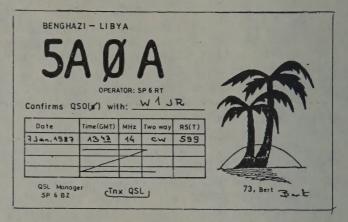
J73EH

LZ1DKP LZ2KIM 14090 1430 21 OH

21084 2200 15 OH

14089 1500 21 OH

14079 1950 21 OH



It's for real! 5AØA is on the air, workable, his QSL manager QSLs, and cards count for DXCC! Thanks W1JR.

160 Meter Worked All Zones Awards

CQ WAZ award manager Leo Haijsman W4KA says the 160 meter WAZ standings as of January 31, 1987 were:

n wa	in carrers	Lones			
1.	K 1 MM	3Ø	6.	K4UEE	32
2.	K 1 MEM	31	7.	PA3BFM	32
3.	N4PN	34	8.	OH1XX	33
4.	W3AP	33	9.	K4PI	30
5.	N4SF	3Ø	10.	JA1GTF	37
			11.	K5RU	39

The first five applicants earned a handsome plaque. Congratulations to all!



This colorful QSL confirms QSOs with 3G87PAX, the special event station in Chile to commemorate the visit of the Pope, April 1-19, 1987. QSL Box 72, Valparáiso, Chile. Thanks WØYDB.

160 MTRS		lio sempo		\$21378 916	Printed on the		
6W1/K1ST	1827 0315 26 FL	40 MTRS 4K1F	7003 0515 22 CA	4U1UN	14196 1530 22 CA	UI8LF	14018 1245 17 OH
6W1/K1ST	1826 0307 23 CT	4K1H	7005 1352 22 ID	4U1UN	14196 0001 18 OH	UI9BWE	14165 0310 25 CA
6W1/K1ST	1837 2304 22 NH	4K1H	7005 1130 23 FL	4X4FR	14223 1804 16 CA	UL7BW	14002 0223 25 CA
6Y5IC	1830 0240 22 CT	4S7R0	7001 1210 12 AL	4Z4IK	14195 1150 17 OH	UL8BWF	14019 1346 20 MN
CT 1BOH	1830 0240 22 CT	6W1/K1ST	7005 0050 25 FL	5A0A	14007 1845 21 MN	UL8CWA	14018 1340 21 IL
FG/W3HNK /FS	1837 0306 26 FL	7Q7LW	7005 0433 24 CA	5AOA	14004 1823 27 CA	UL8FWT	14028 1329 12 AL
FG5AM	1834 0317 22 FL	7Q7LW 7Q7LW	7005 0440 24 CO 7002 0423 16 MA	5A0A 5A0A	14007 1617 21 MA 14003 1977 22 NY	UL8FWT UM8MIZ	14015 0337 22 CA 14017 0232 25 CA
G 3RBP	1837 0240 22 NH	7X2MB	7017 2231 22 FL	5AOA	14004 1800 22 CA	UM8MQ	14028 0250 25 CA
HB9CIP	1837 0231 22 NH	9V 1VS	7006 1500 17 CA	5AOA	14007 1801 20 MN	UR2DL	14160 1430 18 CA
I4EAT	1837 0405 21 NH	944/	7004 0108 26 FL	5N8KBM	14160 2339 25 CA	UR 2RCU	14030 1407 22 GA
I6FLD	1846 0429 19 FL	J6LAD	The state of the s	5V7SA	14182 2220 22 NV	UT 4UO	14214 1224 17 KY
KP2A	1832 0316 22 FL	CM7UW	7003 0228 14 CA	5V7SA	14183 2212 19 MA	UVOBB	14019 0114 25 CA
KP2A LZ2DF	1840 0300 18 NH	CP 5GK	7006 0219 27 FL	5W1FT	14309 0256 24 CA	UWOCD	14227 2345 18 CA
OH 3VV	1837 0418 21 NH 1837 0402 21 NH	CP 6EE CP 8AK	7011 0221 27 FL 7006 0228 27 FL	5X5GK 6W1/K1ST	14178 1857 21 CT 14025 1742 25 CA	UZOFWM UZOFWM	14190 0330 20 CA
OK 1DUR	1837 0237 22 NH	CT 3/	7003 0029 27 FL	6W6JX	14183 0015 24 MN	UZOZZY	14217 0100 19 CA 14023 0151 24 IL
OK 2PAZ	1837 0225 22 NH	GI3IVJ		6Ү5ЈН	14020 2219 22 GA	V 85HG	14190 0020 18 OH
OK3CSQ	1837 0347 21 NH	EA8BCJ	7001 0258 22 FL	7X2DS	14207 1210 17 OH	VP9IJ	14190 1704 21 CA
OK3CTM	1837 0233 22 NH	EA8IR	7002 0259 22 FL	8P6QY	14059 2338 22 GA	VP9IJ	14200 2009 21 MI
OK 3YZA	1837 0229 22 NH	FG/FS/	7030 0034 21 MA	AP 2AU	14200 1315 17 OH	VR6ID	14245 0352 10 CA
OL 4BWJ	1833 0315 22 CT	W3HNK	7000 4006 40 7	AP 2MQ	14170 0223 12 CA	VU2LAM	14002 1423 20 MA
ON 4UN ON 5FF	1831 0358 22 CT 1834 0316 22 CT	FK8KAA FM5BH	7003 1246 19 IL 7004 0329 28 FL	AP 2ZQ BV 6IA	14182 0300 25 CA	VU2QQ	14178 1401 24 IL
OZ 1YY	1837 0227 22 NH	FR7ZD	7006 0345 22 FL	BYOAA	14207 0130 19 CA 14024 0100 24 MN	VU2TTC VU4APR	14004 1648 20 MA 14200 1500 18 CA
PZ1AJ	1831 0247 22 CT	FT8ZA	7006 1300 24 IL	BYOAA	14024 0100 24 IL	VU4APR	14225 0103 21 IL
SM4CAN	1837 0403 21 NH	FT8ZA	7022 1600 17 CA	BYOAA	14024 0033 25 MN	VU4APR	14215 1403 21 CT
SM7BIC	1837 0420 21 NH	HZ 1AB	7003 0307 28 FL	BY 1QH	14220 0012 24 MN	VU4APR	14200 1500 18 OH
SV 1PL	1837 0329 22 NH	KC 6MX	7003 1139 24 NV	BY 1QH	14037 0030 20 NJ	VU4APR	14195 1652 24 IL
UAGHOF	1830 0307 22 FL	KC 6MX	7003 1157 22 FL	BYOAA	14024 0135 23 IL	VU4APR	14200 1510 17 MA
UA6HOF UA6HOF	1838 0243 23 NH 1829 0310 22 CT	KC 6MX KC 6MX	7003 1155 20 OH 7003 1255 24 IL	C31LBB CEODFL	14014 1247 18 AL 14214 0312 10 CA	VU4NRO	14020 0200 23 CA
UB4PWK	1837 0228 22 NH	KH2/NY6M	7006 1518 24 CA	CN 2AH	14182 2043 24 NV	Y44RK YB2BNJ	14226 2129 18 KY 14039 1309 18 AL
VP 2ET	1835 0305 26 FL	OK 3EY	7005 1532 25 CA	CN8EL	14192 2140 18 KY	YSOVS	14185 2332 21 MA
80 MTRS		OK 8AFL	7062 0033 27 FL	CX4CQ	14199 0010 19 CA	YU 1DX	14009 1535 20 CA
5 X 5 G K	3790 0402 16 CT	P9AF	7003 1524 24 CA	EA3OT	14190 1638 19 CA	ZC4AP	14020 1940 18 CA
6W1/K1ST	3505 0405 25 CO	RO4OA	7003 2259 23 FL	EA6/G6ZY	14050 1921 21 MN	ZF 1RC	14200 0330 22 CA
6W1/K1ST	3505 0240 24 MN	SV50X	7011 0109 26 FL	FG/W3HNK	14030 1405 22 GA	ZK3PM	14309 0248 24 CA
6W1/K1ST 7X3AT	3506 0316 24 FL 3501 0319 22 FL	TG 8AEL TG 9YV	7007 0321 28 FL 7007 1227 28 FL	/FS HV3SJ	14206 1823 15 CT	ZL7AA	14190 0240 19 CA
9M2HB	3790 1435 17 CA	UAOZC	7002 0637 19 CA	J28EM	14183 1855 22 MA	ZL7DE ZP5HS	14176 0420 21 MN
C 30BBE	3794 0210 27 MA	UA 10DX	7004 0200 19 MI	J88AQ	14159 2119 15 CA		14182 0100 19 CA
C56/	3505 0531 22 CA	UA 10DX	7012 2309 17 MA	JT 1BT	14202 0200 24 MN	15 MTRS	21227 1525 22 23
DK7PE		UA 10DX	7016 0639 18 CA	KX6DS	14038 0016 22 MN	3D6BW 5Z4ET	21237 1505 22 OH 21297 1855 19 KY
C56/	3503 0012 21 MA	UB5INN	7002 1419 19 ID	LX 1WH	14226 1643 23 CA	9Q5DA	21215 1555 22 OH
DK7PE	0774 0400 05 14	UD6DKW	7001 0200 25 FL	LZ1AI	14223 1233 17 KY	9Q5KI	21015 1650 22 NJ
CN2AQ	3774 0132 25 MA	UF6FJ	7008 2338 20 MA	LZ 1WR OK 3KFF	14181 1400 17 KY 14192 1637 18 CA	A25/	21242 1500 22 OH
CT3DL DF2UU	3795 0738 24 CA 3788 0453 21 FL	UY500 VK6XA	7003 0400 25 CO 7011 1243 22 GA	OK 8AFL	14220 1733 19 KY	VE 3FXT	
DK 8ZB	3795 0428 21 FL	VK9LM	7006 1201 22 FL	OX3KD	14020 2012 18 CA	CO7KR	21247 2020 19 CA
FG/W3HNK	3508 0133 23 GA	VU2NIS	7006 1255 21 CO	OX30B	14010 2219 14 AL	CO7KR	21292 2310 21 MI
/FS		WL7E	7001 0328 21 MA	RL7QA	14022 0213 24 CA	CP 10J EA8ACH	21300 1650 19 CA 21270 1645 20 20
FG/W3HNK	3795 0144 21 MA	ZB2E0	7010 2349 16 AL	RL8PYL	14201 0259 25 CA	J73AE	21212 1510 22 OH
/FS	250h 2202 Oh Br	ZB3B0	7002 0024 21 MA	ROSOL ROSOV	14007 1525 18 OH	KH3/	21045 2330 22 MN
FM5ES G4YLO	3504 0303 24 FL 3792 0437 21 FL	ZS 1H ZS 2EE	7011 1533 17 CA 7005 1500 17 ID	RO5OX S92LB	14008 1506 20 MN 14183 2200 16 MA	KL7LF	
HP 1AC	3506 1122 25 FL	ZS6BA	7005 1520 18 CA	S92LB	14182 2231 16 CT	OD5GZ	21242 1500 22 OH
JD1YAA	3794 1416 24 CA	30 MTRS		SVODI	14005 1902 24 CA	PP50W	21284 2348 19 CA
KC 6MX	3503 1307 24 CA	EA2ASE	10106 2130 24 IL	SV 1NA	14011 1946 24 CA	TI2CCC TZ6VV	21297 2311 21 MI 21262 1824 18 FL
KH2/	3786 1120 22 CA	F3NB	10107 0443 20 FL	SVILV	14013 1915 24 CA	ZS5P	21203 1515 22 OH
N 1BEX	2777 0101 01 57	G6Z0	10107 2112 23 IL	T77C	14168 1900 21 CA	ZS6APH	21250 1500 22 OH
SP 3EPK	3777 0424 21 FL	RB5BE	10103 2210 24 IL	TA4AM	14023 1700 19 ID	10 MTDC	
SV 1DO TA4A	3503 0253 22 FL 3502 2316 21 CT	RC 2CB VK 3MR	10105 2110 24 IL 10104 2208 24 IL	TJ1CH TL8JM	14182 2055 24 NV 14025 2030 18 CA	12 MTRS 9Y4RT	24950 2100 20 FL
TA4A	3501 0101 20 MA	20 MTRS		TL8JM	14167 2116 18 KY	HH2SD	24950 2010 20 FL
TR8JLD	3796 0502 14 CT	3D2ER	14309 0259 24 CA	TL8JM	14024 2140 15 CT	KH6GEY	24958 1950 20 FL
TU4A	3504 0350 20 CA	4P2SM	14046 2218 22 GA	TL8JM	14025 2058 18 ID	KV 4AD	24950 2015 20 FL
UR 1RYY	3506 0252 22 FL	4S7NMR	14183 1833 21 NY	TL8TG	14025 2149 20 MA	NH6FL	24958 1950 20 FL
VK 4PN	3502 1143 21 OH	4S7RO	14005 1923 12 MA	TY/	14160 2322 25 NV	10 MTRS	20505 2126
VK6HD *	3501 2243 19 MA	4S7VK	14038 1719 20 MA	3X0HSH	111192 1019 01 10	6Y5IC	28527 2106 21 MA
Key to B	andpass: Callsign, fro	equency LIT	C. day of month	TZOMAR UA3ZH	14183 1918 21 MN	C56/	28027 1930 21 NJ
	long path, P = Pack			UC 20AV	14214 1302 17 KY 14177 1400 17 KY	DK7PE CE3DNP	28023 2120 22 GA
	itry of operation firs			UF 6FJ	14021 1453 19 MA	TG 9NX	28525 2250 19 CA
the air.	in y or operation ins	t, regulatess	or rormat asea on	UI8IF	14021 1250 18 AL	XE 30QU	28345 1732 22 GA
the all.							

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The DX Bulletin

CALENDAR

Issue 381 - Apr. 3, 1987

1367

I374

I377

138Ø

I375

I376

Issue
(Changes and hot info in boldface.)
Amsterdam - FT FT8ZA 7022 1630Z
Belize - V31 V31JQ Mar 27-Apr
Brunei - V8 V85AA 40 CW 14-16
Central Afr.-TL TL8NW by N4NW now

Chatham - ZL7

Chile - 3G8

China - BY

Egypt - SU

Crozet - FT8W

Desecheo - KP5 Easter Is - CEØ

Franz Josef Land

Johnston Is. KH3

Kampuchea - XU

Mauritius - 3B8

Neth. Ant. - PJ

St. Barts - FJ

St. Pierre - FP

Mellish - VKØ

Libya - 5A

Malawi - 707

Hong Kong - VS6 India - VU

Christmas - T32

Permit No. 550

FT8ZA 7022 1630Z I38Ø V31JQ Mar 27-Apr 7 I374 V85AA 40 CW 14-1600Z I378 138Ø TL8NW by N4NW now I378 ZD7DE 7008 often and 3506 at 1400Z KH6GDR/T32 14178 Ø2Z I38Ø 138Ø 3G87PAX Apr 1-19 14025,200 0030-0200Z I378 FT8WA 7007 13-1400Z I377 NP 4TB/KP5 Apr 17-19 CEØFFD 21030 1800Z I379 SU1ER 14227 1800Z I376 UA10DX now active I380 UO+DO 7002 12-1500Z I378 Ø130-0230 20/40M + 1200Z I374 KN4BPL/ 1846 Ø6ØØZ XU1SS 7088 at 0100z I376 5AØA: op schedule in I379 707LW 7005 0400Z 1372 I374 3B8CF 3507 01-0200Z I367 VKOMW August I371 W1BIH/PJ2 often New FJ prefix Mar 13 I379 KA1CRP/FP Apr 1-9 I372 138Ø K1RH mid-June I380 by DK7PE on 160M I380 DJ6QT from Apr 1

4S7RO 7006 1200-1230Z

FOØSSJ Mar 27-Apr 7

HSØA in contests, HSØB

5H3ZR 14ØØ1 2Ø-21ØØZ I38Ø

by PAØGAM soon?

on weekends

7003 at 2300Z

SP5EXA/JW June-Aug

by FR5s AI+ZU soon

9Q5KI 20 CW 1900Z+

BYØAA 14024 ØØ30-Ø130

Senegal - 6W
Sierra Leone 9L
Sri Lanka - 4S
Sudan - ST
Svalbard - JW
Tahiti - FO
Tanzania - 5H
Thailand - HS

Tromelin - FR/T Zaire - 9Q5

Zaire - 9Q5
Zone 23

DX Activities and Contests

Date Event or Activity Info

April 3-5 International DX Conv. KK6X

Einar 3Y1EE/LA1EE Banquet Speaker

April 11-12 Yuri Gagarin CW K1KI

April 24-26 Dayton Hamvention

DARA, Box 44, Dayton OH 45401

The DX Bulletin will see you there!

May 9-10 CQ M Russian contest K1KI

CONTRIBUTORS

This issue of The DX Bulletin is brought to you through the kindness of the following valued contributors: N4XX, KH6BZF, W6TFO, NCDXC, W4VQ, AB8K, W6BJI, W1NG, W1MLG, N1ACH, KM9J, W1JR, WA6FIT, DX Family News, LNDX, K4BAI, Long Skip, WA1WTP, WA2MZX, K2UMF, W9TGN, KA1XN, WZ6Z, KA7T, K8PO, K8GG, KJ4VH, WB8ZRL, WA1AYS, WA1WTP, NW6P, VP2ML, W4PC, N4NO, KC7K, KØCVP, Many Thanks!